

Work Order ID 148491

Monday, July 04, 2016 7:49:55 AM

148491

Page 1

Item ID: D5297-041 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Cinch Buckle Assembly
 Start Date: 7/8/2016 Start Qty: 50.00 ***50*** Cust Item ID:
 Required Date: 7/15/2016 Req'd Qty: 50.00 ***50*** Customer:

Reference: DAS
 Approvals: Process Plan: 21 Date: JUL 05 2016 Tooling: Date: Run Start ***NR1***
 QC: Date: SPC (Y/N): Date: Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D5297	B								

100 PURCHASING 0.00 ***100*** 50 JUL 08 2016 DAS 13 9-89
 Purchasing Memo 0.00
 Purchasing Issue P/O: 32959
 Possible Supplier: ACW
 Description: CINCH BUCKLE ASSY
 Supplier P/N: CSR-1
 C OF C is required

110 Receive & Inspect for Damage & Mat'l Certs 0.00 ***110*** 50x 8p/6-7-14
 Packaging Memo 0.00
 Packaging

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
						QC / QA Coordinator Approval			
Root Cause		FAULT CATEGORY							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	OTHER : _____			

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Page 2

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Start Date: 7/8/2016 Start Qty: 50.00 ***50*** Cust Item ID:
Required Date: 7/15/2016 Req'd Qty: 50.00 ***50*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	QC6- Inspect dimensions to drawing	0.00							DAS 38 9-89
120									
QC	Memo	0.00							
Quality Control									JUL 15 2016
130	Identify as per dwg & Stock Location: ST/68A	0.00							DAS 6 9-89
130									
Packaging	Memo	0.00							JUL 15 2016
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							DAS 21 9-89
140									JUL 15 2016
QC	Memo	0.00							
Quality Control									DAS 21 9-89 JUL 15 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

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Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	

Root Cause			FAULT CATEGORY																																																												
Environment ☐	Design ☐	Doc/Data ☐	Equip/Tooling ☐	Handling/Pre ☐	Material ☐	Internal Transport ☐	Tribal Knowledge ☐	LOA ☐	Substation ☐	Past Expiry Date ☐	Misidentified ☐	No Re-verification ☐	Operator ☐	Offset/Setup ☐	Supplier ☐	Training ☐	Use for Testing ☐	Poor Information ☐	Rushing ☐	Product Improvement ☐	Process Improvement ☐	Manufacturing Process ☐	Past Due ☐	Pressure/Forced ☐	Bending ☐	Centre Not Concentric ☐	Cracks ☐	Crimp/Kink/Ripple/Wave ☐	Cuffs ☐	Crushing ☐	Heat Treat ☐	Wave/Twist in Tube ☐	Marks/Chatter ☐	Temperature/Cure ☐	Set-up ☐	BOM/Route ☐	Broken/Damage/Defect ☐	Inspection Incomplete/Unqualified ☐	Contamination ☐	Countersink ☐	Cut Too Short ☐	Instructions Incomplete/Unclear ☐	Drill Holes ☐	Power Loss/Surge ☐	Folio/Program ☐	Grain ☐	Weld ☐	Wrong Stock Pulled ☐	Out of Sequence ☐	Off-set ☐	Mislabeled ☐	Fit/Function ☐	Misaligned/off center ☐	Positioned Wrong ☐	Outside Dimensions ☐	Over/Under tolerance ☐	Part Incorrect ☐	Part Lost/Missing ☐	Part Moved ☐	Drawing ☐	Finish ☐	Misread ☐	Turning Sequence ☐
																								OTHER : _____																																							

Picklist Print

Monday, July 04, 2016 7:49:59 AM

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Work Order ID: 148491

148491

Parent Item: D5297-041

D5297-041

Parent Item Name: Cinch Buckle Assembly

Start Date: 7/8/2016

Required Date: 7/15/2016

Start Qty: 50.00

Required Qty: 50.00

Comments: IPP REV:A 15.10.29 NEW ISSUE DD VERF:JLM IPP
REV:B 16.06.23 AS PER DWG REV.B DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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CSR-1		Purchased		No			Each	0.0000		50			
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CSR-1

Cinch Buckle Assembly

50x 80/6-7-14

DQA: _____ Date: _____



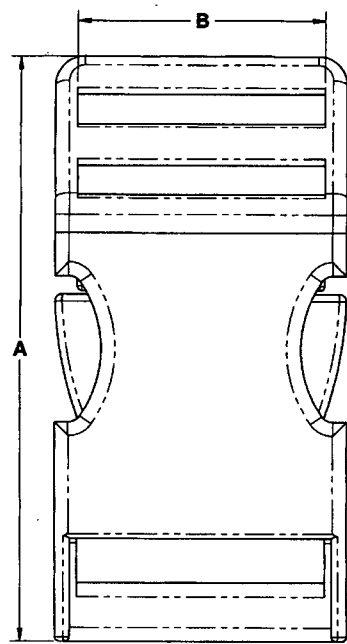
WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
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Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

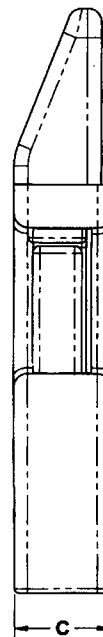
SPECIFICATION CONTROL DRAWING



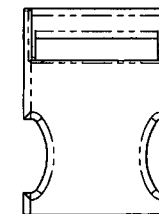
D5297-041 BUCKLE ASSY

D5297-1 BUCKLE, MALE

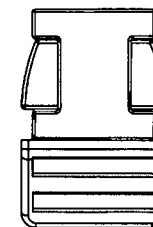
D5297-3 BUCKLE, FEMALE



C



D5297-3 BUCKLE, FEMALE



D5297-1 BUCKLE, MALE

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 148491 MWS
1607-05

RELEASED

2016 JUN 23 4P
ECN 16-602



DART P/N	DESCRIPTION	VENDOR	VENDOR P/N	A	B	C	MATERIAL	WEIGHT
D5297-041	CINCH BUCKLE ASSY	ACW	CSR-1	2.8	1.0	0.5	NYLON	0.09 LBS

NOTES:

- 1) MATERIAL: SEE TABLE
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
- 7) WEIGHT: SEE TABLE

APPROVED

B	CHANGE TO NYLON CSR BUCKLE	DB	16.06.16
A	NEW ISSUE	DB	15.09.01
REV.	DESCRIPTION	BY	DATE
DESIGN	DB		
DRAWN	DB		
CHECKED	WM		
MFG. APPR.	DD		
APPROVED	WM		
DE APPR.	DS		
DATE	16.06.16		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D5297** REV. B
SHEET 1 OF 1

TITLE **CINCH BUCKLE** SCALE NTS

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WRITTEN PERMISSION FROM DART AEROSPACE LTD



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO32959

Purchase Order Date 7/8/2016

PO Print Date 7/8/2016

Page Number 1 of 1

E-MAILED

Order From : VC-ROY001

RBC ROYAL BANK - VISA
PAYMENT CENTRE, PO BOX 4016, STAT. A
TORONTO, ON M5W 1X6
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

~~JUL 09 2016~~

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone

Ship Via: FedEx Economy collect

Ship Acct:

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

COD

CAD

Destination-Collect

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
	Line Comments		Promise Date				
	Delivery Comments						
1	CSR-1	Cinch Buckle Assembly	7/15/2016 Yes 7/15/2016	FN	50.00 Each	\$0.50	\$25.00
	AS PER DWG D5297 REV. B B148491						
						Line Total:	\$25.00
2	71401-45	PROCUREMENT QUALITY CLAUSES	7/15/2016 No 7/15/2016		1.00	\$0.00	\$0.00
	Procurement Quality Clauses A005 RIGHT OF ENTRY A026 CERTIFICATION OF MATERIAL CONFORMANCE A040 NOTIFICATION OF QUALITY ESCAPE A042 DART NOTIFICATION BY SUPPLIER A043 RETENTION OF QUALITY DOCUMENTS					Line Total:	\$0.00
						PO Total:	\$25.00

PO Instructions: ACW

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 2

Change Date: 7/8/2016

INVOICE

AMERICAN CORD & WEBBING
1192 KINGSTON ROAD
PICKERING, ONTARIO L1V1B4
(905)839-2247 FX 839-2336

Number: 21577

Date: 07/13/16

Page: 1

SOLD DART AEROSPACE INC
TO: 1270 ABERDEEN
HAWKESBURY, ONTARIO
K6A 1K7

SHIP DART AEROSPACE INC
TO: 1270 ABERDEEN
HAWKESBURY, ONTARIO
K6A 1K7
LINDA LACELLE

ORDER NO.	ORDER DATE	ACCOUNT	SALESPERSON	PURCHASE ORDER NO.	SHIP VIA	DATE SHIPPED	TERMS
4444	07/13/16	20988	0	PO# 32959	FED EX	07/13/16	Net 30
QUANTITY	PRODUCT CODE	PRODUCT DESCRIPTION	Tax -> GP	UNIT PRICE	EXTENDED PRICE		
50	91600	CSR 1" BLACK ACETAL	NY	\$0.5000	\$25.00		

50 16-7-14

2% PER MONTH CHARGED ON ALL
ACCOUNTS PAST DUE OVER 30 DAYS
FROM INVOICE DATE.

G.S.T. Registration #: 899549257

SUB-TOTAL: \$25.00

FREIGHT: 0.00

G.S.T.: 0.00

H.S.T.: 3.25

TOTAL: \$28.25

ACWCANADA

1192 Kingston Road Pickering, Ontario, Canada L1V 1B4
Toll Free: 1-800-545-9751 Local: 905-839-2247 Fax: 905-839-2336
www.acwcanada.ca

LINDA LACELLE
DART AEROSPACE
1270 ABERDEEN
HAWKESBURY, ONTARIO
K6A 1K7

JULY 13, 2016

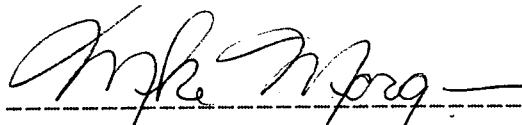
TO WHOM IT MAY CONCERN:

THIS CERTIFICATION COVERS SHIPMENT ON OUR INVOICE # 21577

DATED 07/13/2016 AGAINST YOUR ORDER # PO# 32959

MATERIAL SHIPPED AGAINST THIS INVOICE COMPLY WITH APPLICABLE
SPECIFICATIONS LISTED BELOW:

S/N 91600 CSR 1" BLACK ACETAL SIDE RELEASE BUCKLE



AUTHORIZED SIGNATURE/AND TITLE

MIKE MORGAN
CANADIAN SALES MANAGER